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WAR FOOD ADMINISTRATION
Office of Distribution
Room 407, 810 Fourteenth Street
Denver 2, Colorado

DRY POWDERED WHOLE EGGS

Storage and Handling

Dried whole eggs are shipped either in 14-pound pasteboard cartons lined with moisture-proof paper, or in double-thickness or glassine-lined, laminated bags of suitable size. Bags should be air, moisture, light and grease proof. The original cartons or bags should be held at temperatures ranging from 50° to 70°. Opened bags or cartons should be kept in a refrigerator at all times and removed for use only as long as is necessary. If the opened bags are allowed to set around the kitchen the powder will absorb odor and moisture, hastening deterioration. If moisture is absorbed the powder becomes lumpy and hard to reconstitute.

Use

It has been determined that in the dehydration process the weight of the egg has been reduced 73% and therefore approximately 3 parts of liquid to one part of powder may be used in reconstituting the egg powder. The amount of liquid, however, may vary according to the particular use. For example, in making scrambled eggs, three parts of milk to one part of powder results in a very satisfactory mixture. For general purposes, experiments show that a paste made up of equal parts of egg powder and water, either cold or slightly warm, results in a good formula.

Measure the powder into a mixing bowl, add a small amount of water and mix with a spoon until smooth. Caution: In all instances the liquid should be added to the powder and not powder to the water. Continue adding the water while stirring, working out the lumps as they form against the side of the bowl. The reconstituted mixture is very perishable and should be used immediately or kept for only a short time in a cold place.

Approximate Equivalents of Fresh and Dried Whole Egg

The number of shell eggs represented by a pound of the egg powder varies with the size of the fresh eggs. As a rough guide, a pound of dried whole eggs may be considered to represent the content of about 3 dozen medium-sized eggs (shell eggs weighing 24 ounces to the dozen). On this basis, a 14-pound box contains the equivalent of about 500 fresh eggs.

The approximate equivalent of fresh and dried whole eggs in terms of measure, with proportions of water to use in reconstituting the egg powder, is two level tablespoons of water added to two level tablespoons of dried whole egg powder equal the equivalent of one fresh egg.



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The University of Chicago Library is a non-profit organization that is dedicated to the collection, preservation, and dissemination of knowledge. It is one of the largest and most diverse libraries in the world, with a collection of over 15 million volumes. The library is open to all members of the University of Chicago community, and it provides a wide range of services to its users. These services include access to electronic resources, reference services, and interlibrary loan services. The library is also involved in a number of special projects, such as the digitization of its collections and the development of new technologies for library management.

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